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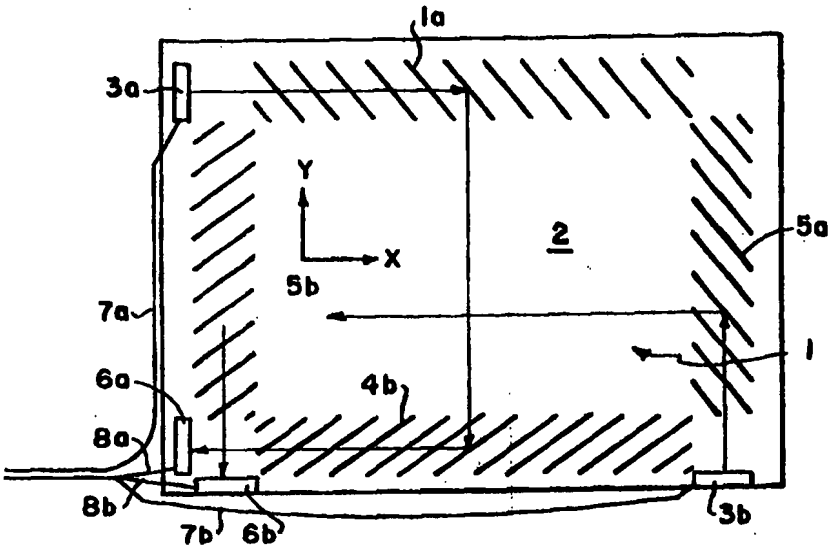
(54) Title: ACOUSTIC TOUCH POSITION SENSOR USING A LOW ACOUSTIC LOSS TRANSPARENT SUBSTRATE



(57) Abstract

An acoustic touch panel (100) utilizes acoustic waves within a sensor substrate to determine the position of touch. The substrate (1) is made of a glass having an attenuation coefficient of less than or equal to about 0.6 dB/cm as determined at the substrate surface for 5.53 MHz Rayleigh waves as measured by the slope of a plot of amplitude versus distance for a signal through a pair of facing 0.5 inch wide wedge transducers mounted on the glass under test having sufficient thickness to support Rayleigh wave propagation.